

Set	Items	Description
S1	2193225	NUMBER OR NUMERIC OR AMOUNT OR QUANTITY
S2	2392716	VARIET? OR TYPE? OR KIND? ? OR SORT OR SORTS OR CATEGOR?
S3	2987518	DISPLAY? OR SHOW? OR IDENTIF? OR INDICAT?
S4	135583	CABINET? OR SHELF OR SHELVES OR DRAWER? OR DISPENSAR?
S5	221680	S1(10N)S2
S6	72538	S5(S)S3
S7	713	S6(S)S4
S8	133018	S1(5N)S2
S9	43148	S8(S)S3
S10	484	S9(S)S4
S11	37	S10 AND IC=G06F-017/60
S12	18	S11 NOT PY>2001

? show files

File 348:EUROPEAN PATENTS 1978-2005/May W03

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File 349:PCT FULLTEXT 1979-2005/UB=20050519,UT=20050512

(c) 2005 WIPO/Univentio

File 324:German Patents Fulltext 1967-200519

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12/3,K/1 (Item 1 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
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00672782

Method of and apparatus for scheduling parts deliverer running and method  
of managing parts deliverers

Verfahren und Vorrichtung zur Zeitplansteuerung von  
Teilleistereinrichtungen und Verfahren zum Managen der  
Teilleistereinrichtungen

Methode et appareil pour l'ordonnancement de la livraison de pieces et  
methode pour gerer des livreurs de pieces

## PATENT ASSIGNEE:

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PATENT (CC, No, Kind, Date): EP 645724 A2 950329 (Basic)  
EP 645724 A3 960320  
EP 645724 B1 010516

APPLICATION (CC, No, Date): EP 94114753 940919;

PRIORITY (CC, No, Date): JP 93233347 930920

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G05B-019/418; G06F-017/60

ABSTRACT WORD COUNT: 118

## NOTE:

Figure number on first page: 2

LANGUAGE (Publication,Procedural,Application): English; English; English

## FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB95	725
CLAIMS B	(English)	200120	741
CLAIMS B	(German)	200120	626
CLAIMS B	(French)	200120	914
SPEC A	(English)	EPAB95	9060
SPEC B	(English)	200120	9208
Total word count - document A			9787
Total word count - document B			11489
Total word count - documents A + B			21276

...INTERNATIONAL PATENT CLASS: G06F-017/60

...SPECIFICATION are to be delivered for use. In step S21 in FIG. 9(A),  
data relating " kind of parts, parts factory, quantity of parts and  
parts shelf array address" with respect to a shipment unit of parts are  
abridged.

Among parts are...

...SPECIFICATION are to be delivered for use. In step S21 in FIG. 9(A), data relating " kind of parts, parts factory, quantity of parts and parts shelf array address" with respect to a shipment unit of parts are abridged.

Among parts are...

12/3,K/2 (Item 1 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00865426 \*\*Image available\*\*

METHOD AND SYSTEM FOR REMOTELY COMMUNICATING WITH AN ON-LINE STOREFRONT  
PROCEDE ET SYSTEME DE COMMUNICATION A DISTANCE AVEC UNE VITRINE VIRTUELLE

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200199024 A1 20011227 (WO 0199024)

Application: WO 2001US41046 20010620 (PCT/WO US0141046)

Priority Application: US 2000212823 20000621

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

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Publication Language: English

Filing Language: English

Fulltext Word Count: 4134

Main International Patent Class: G06F-017/60

Fulltext Availability:

Claims

Claim

... Referring to Figure 1, a simplified overview of a preferred embodiment of the invention is shown having at least one wide area network server I 00 connected to a widearea-network...

...potential trader. Each terminal of the sales operators may have a pop-up window (not shown) which can replicate the web-page as seen by the potential trader. Each sales operator's terminal may also have a time line diagram (not shown) in another pop-up window that shows data duration of a visit, number of previous visits, the type of product queried or being 1 5 queried and the number of times the potential...

...DNS LOC information, the server 100 will generate a pop-up window of a map showing the location. Otherwise, the server 1 00 can perform a

reverse IP lookup by querying...

...geo-registrar, to determine the geographic location of the potential trader. Alternatively, any off-the-shelf EP look-up engine can be used in place of the JavaScript to perform the...

...and performs a relational search based on a variety of predetermined parameters. For example, as shown in Table 1, the database stores 15 the various parameters in a two-dimensional...100, and change the prices or promotions on the website. The change would be displayed the next time there is a request for the webpage. Accordingly, the preferred embodiment will...

...location of the trader. Conceivably, the salesperson, along with a sample of the merchandise, could show up on the door of the trader's office within a few minutes of the...

...duration of shortest or longest visits, any account information with the on-line storefront, type of products previously purchased, number of visits per purchase, or any type of presorted-data helpful in expediting a deal...

...line site, a sales person can meet up with the trader 400 at the trade show. Another benefit of the preferred embodiment occurs when a salesperson learns that a competitor is...

12/3,K/3 (Item 2 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00835793 \*\*Image available\*\*

SYSTEM AND METHOD FOR AUTOMATING BUSINESS PROCESSES AND PERFORMING DATA INTERCHANGE OPERATIONS IN A DISTRIBUTED COMPUTING ENVIRONMENT  
 SYSTEME ET PROCEDURE D'AUTOMATISATION DE PROCESSUS D'ENTREPRISES ET DE REALISATION D'OPERATIONS D'ECHANGE DE DONNEES DANS UN ENVIRONNEMENT INFORMATIQUE DISTRIBUE

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200169431 A2 20010920 (WO 0169431)  
 Application: WO 2001US8611 20010314 (PCT/WO US0108611)  
 Priority Application: US 2000524995 20000314

Designated States:

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AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS  
 LT LU LV MA MD MG MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
 TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 23262

Main International Patent Class: G06F-017/60

Fulltext Availability:

Claims

#### Claim

... more possible. Electronic forms replaced paper forms. Databases storing large amounts of information replaced file cabinets. E-mail replaced manual routing. However, the first attempts at providing an automated WO 01...

...interaction of the various components of the present invention;

FIGURE 4 is an illustrative screen display of one embodiment of the present invention illustrating a modeling tool for defining tasks in a workflow;

FIGURE 5A is an illustrative screen display of one embodiment of a general task window of the modeling tool illustrating the creation of a manager approval task;

FIGURE 5B is an illustrative screen display of a general task window illustrating the creation of a manager approval escalation task;

FIGURE 6 is an illustrative screen display of one embodiment of a role definition window of the modeling tool;

FIGURE 7 is an illustrative screen display of one embodiment of an escalation window of the modeling tool;

FIGURE 8 is an illustrative screen display of one embodiment of a document window of the modeling tool;

FIGURE 9A is an illustrative screen display of one embodiment of an action list window of the modeling tool illustrating the creation of an action list; FIGURE 9B is an illustrative screen display of another action list window illustrating the creation of an action list for a purchase request task; FIGURE 9C is an illustrative screen display of another action list window illustrating the creation of an action list for the manager...

...flow diagram illustrating a process of executing a task suitable for use in the process shown in FIGURE 10;

FIGURE 12 is a flow diagram illustrating a process of executing a route suitable for use in the process shown in FIGURE 11;

FIGURE 13 is a flow diagram illustrating a process of executing an object suitable for use in the process shown in FIGURE 11;

FIGURE 14 is a flow diagram illustrating a process of executing database calls suitable for use in the process shown in FIGURE 11;

FIGURE 15 is a flow diagram illustrating a process of executing expressions suitable for use in the process shown in FIGURE 11;

FIGURE 16 is a flow diagram illustrating a process of executing external logic suitable for use in the process shown in FIGURE 11;

FIGURE 17 is a flow diagram illustrating a process of executing internal drivers suitable for use in the process shown in FIGURE 11;

FIGURE 18 is a flow diagram illustrating a process performed by...and

...to determine the workflow data elements in the specified document.  
 FIGURE 20 illustrates an illustrative **display** of the built-in object browser 352. This allows the present invention to map to...

...LTRL edit box 340. The document window 348 performs a browser type feature, such as **displaying** contents of the document specified in the URL edit box 340, to aid the process...

...then select the action tab 260 that causes the present invention to execute instructions for **displaying** an action window 360. An illustrative screen **display** for an action window is **shown** in FIGURE 9A. The action window 360 includes an action list window 362 and an...  
 ...364 provides a hierarchical tree structure of the available data elements of the named task ( **shown** generally at 290). The data element "\$count" is **shown** as a branch from a route process entitled "Process-Data". This **indicates** that \$count is a global data element that is available to all the tasks of...

...embodiment of the present invention, the modeler may include a menu item or button for **displaying** versioning options. An illustrative versioning window 681 is **shown** in FIGURE 68. Using the versioning window 681, the workflow administrator 66 may specify how...

12/3,K/4 (Item 3 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00829887 \*\*Image available\*\*

**INFORMATION SYSTEM AND METHOD**

**SYSTEME ET PROCEDE D'INFORMATION**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200163440 A2 20010830 (WO 0163440)

Application: WO 2001IB401 20010223 (PCT/WO IB0100401)

Priority Application: GB 20004303 20000223; GB 200029862 20001207

Designated States:

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CA JP US

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR.

Publication Language: English

Filing Language: English

Fulltext Word Count: 10338

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... be perfectly organised via the resource server, considering that the

user may choose between the kind and number of items available on shelves and the available promotions, and considering that the undertaking may vary promotions by knowing the kind and quantity of items sold. This last information is communicated directly by the user, just using the available interactive features displayed in his mobile, selecting one, or more, of the promotions available, and/or paying for...

12/3,K/5 (Item 4 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00815161 \*\*Image available\*\*  
RETAIL SYSTEMS AND METHODS EMPLOYING A SHELF DISPLAY TO PROVIDE PURCHASE INCENTIVES  
SYSTEMES ET PROCEDES DE VENTE AU DETAIL UTILISANT UN PRESENTOIR DU TYPE GONDOLE POUR OFFRIR DES INCITATIONS A L'ACHAT

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200148717 A2-A3 20010705 (WO 0148717)

Application: WO 2000US42671 20001208 (PCT/WO US0042671)

Priority Application: US 99472878 19991228

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(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

Publication Language: English

Filing Language: English

Fulltext Word Count: 8105

Main International Patent Class: G06F-017/60

Fulltext Availability:

Claims

Claim

... sports such as tennis or golf, and reading topics. . The method of claim I wherein displaying includes displaying the selected one of the plurality of discount quantities. depending on a location of the customer's residence relative to the shelf .

7 The method of claim I wherein displaying includes displaying the selected one of the...

12/3,K/6 (Item 5 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00803948 \*\*Image available\*\*

METHOD OF AND SYSTEM FOR ENABLING BRAND-IMAGE COMMUNICATION BETWEEN VENDORS AND CONSUMERS

**PROCEDE ET SYSTEME PERMETTANT DE COMMUNIQUER UNE IMAGE DE MARQUE ENTRE DES VENDEURS ET DES CONSOMMATEURS**

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**Patent and Priority Information (Country, Number, Date):**

Patent: WO 200137540 A2-A3 20010525 (WO 0137540)

Application: WO 2000US31757 20001117 (PCT/WO US0031757)

Priority Application: US 99441973 19991117; US 99447121 19991122; US  
99465859 19991217; US 2000483105 20000114; US 2000599690 20000622; US  
2000641908 20000818; US 2000695744 20001024

**Parent Application/Grant:**

Related by Continuation to: US 99441973 19991117 (CIP); US 99447121  
19991122 (CIP); US 99465859 19991217 (CIP); US 2000483105 20000114  
(CIP); US 2000599690 20000622 (CIP); US 2000641908 20000818 (CIP); US  
2000695744 20001024 (CIP)

**Designated States:**

(Protection type is "patent" unless otherwise stated - for applications  
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AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

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Filing Language: English

Fulltext Word Count: 116871

Main International Patent Class: G06F-017/60

Fulltext Availability:

Claims

**Claim**

... of Fig. 3A3 is modified to include a bar code symbol reader having a  
cordless- **type** scanner interface, thereby eliminating the need for the  
communication/scanner cable 42 shown in Fig...of a web/e-mail enabled bar  
code driven CPI kiosks 12 are mounted onto **shelf** structures 99 by way  
of a kiosk mounting bracket 13C that can be removably attached to a  
**shelf** structure 99 (e.g. using a special tool if required to prevent  
unauthorized movement) as...where the advertisement itself embodies a  
Java-Applet, as in the case of most banner- **type** advertisements, it  
would be desirable to embed the CPIR-enabling Applet within the  
HTML-encoded...selected from the user-interface of a barcode driven IPI  
Website, the second Check Box **type** button 21B automatically activates  
the Manufacturer Website Search Mode of the IPI Finding and Serving...as  
a further part of the kiosk configuration process); (7) registering the  
manufacturer's Aisle/ **Shelf** Rights and Privileges on deployed CPI kiosks  
513; (8) registering the retailer's (or manufacturer...

...data processing/filtering subsystem 517 integrated with the



- ...Manager E-Mail; Number of Store Aisles; Number of Floors; Floor Plan Diagrams; Product Category/ **Shelf** Maps; Available Internet Connectivity; Retailer/Manufacturer Relations; and Date of Last Record Update. This data...
- ...registered with the system. Preferably, retailers will provide such information during the retailer registration mode **indicated** in Fig. 19. Such information will be **displayable** to registered advertisers and promoters after they have generated custom kiosk advertising and promotion directories, as **indicated** in Figs. 31 through 34B and 39 through 40B, respectively. Preferably, such kiosk advertising and...
- ...e.g. maps, floor plans and other specifications) of the retail store and aisle and **shelf** locations at which a particular physical CPI kiosk has been deployed. Such types of information...
- ...promoters build and execute product advertising and promotional campaigns within a retailer store environment.  
As **shown** in Fig. 15M, the RDBMS table entitled PHYSICAL KIOSK HTTP SERVER in the illustrative embodiment...
- ...this information is provided by the array (i.e. farm) of http information servers 519A ( **shown** in Fig. 13) used to support the network of physical CPI kiosks deployed within the...
- ...as needed to operate corresponding physical kiosks with the retailer's physical shopping environment.  
As **shown** in Fig. 15N, the RDBMS table entitled RETAILER S PHYSICAL KIOSK CATALOG in the illustrative...
- ...by each registered retailer is referred to as a "physical kiosk catalog". Notably, as the **number** and **type** of CPI kiosks deployed by a particular retailer will change over time in response to the needs of the retailer, so too will the physical kiosk catalog thereof. As **shown** in Fig. 15O, the RDBMS table entitled PHYSICAL KIOSK E-MAIL in the illustrative embodiment...consumers requesting consumer product information, as well as merchandise preferences in particular retail stores.  
As **shown** in Fig. 15P, the RDBMS table entitled PHYSICAL KIOSK USER ACTIVITY in the illustrative embodiment...
- ...to retailers and manufacturers alike who seek to acquire new and retain current customers.  
As **shown** in Fig. 15Q, the RDBMS table entitled AD SPOT ORDER--VIRTUAL KIOSK in the illustrative...
- ...of Advertisement Spot; Time Duration of Ad Spot; Copyright Owner of Advertisement; Ordered Number of **Displays** /Date; File Format of Advertisement; Virtual Kiosk Ad Spot ID No.; Actual Number of **Displays** /Date; Actual Number of Interruptions; Ad Spot Cost; Date of Ad Payment; and Date of...
- ...virtual kiosk deployed within the system. Such  
Page 245  
associated with the virtual kiosk.  
As **shown** in Fig. 15R, the RDBMS table entitled AD SPOT ORDER--PHYSICAL KIOSK in the illustrative...

...of Advertisement Spot; Time Duration of Ad Spot; Copyright Owner of Advertisement; Ordered Number of **Displays** /Date; File Format of Advertisement; Physical Kiosk Ad Spot ID No.; Actual number of **Displays** /Date; Actual Number of Interruptions; Ad Spot Cost; Date of Ad Payment; and Date of...

...physical kiosk deployed within the system. Such information is collected during advertisement campaign building operations **indicated** in Fig.

29 Such advertisement (ad) spots are eventually placed in the advertisement/promotion spot...

12/3,K/7 (Item 6 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00803678 \*\*Image available\*\*

LOW INFORMATION CONTENT DISPLAY

AFFICHAGE PRESENTANT UNE QUANTITE D'INFORMATION REDUITE

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200137244 A2-A3 20010525 (WO 0137244)

Application: WO 2000US31903 20001120 (PCT/WO US0031903)

Priority Application: US 99166482 19991119

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AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

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Publication Language: English

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Fulltext Word Count: 6023

...International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... in retail settings.

BACKGROUND OF THE INVENTION

A merchandising store, such as a grocery supermarket, **displays** goods

for sale on shelves with a label or sign conveying information regarding the type of goods, manufacturer, package quantity, price, and/or per-unit-cost.

Some of this information rarely changes, such as the....

12/3,K/8 (Item 7 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00803618 \*\*Image available\*\*

**ELECTRONIC BOOK HAVING ELECTRONIC COMMERCE FEATURES**

**LIVRE ELECTRONIQUE COMPRENANT DES CARACTERISTIQUES DE COMMERCE ELECTRONIQUE**

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Patent and Priority Information (Country, Number, Date):

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AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 39919

Main International Patent Class: G06F-017/60

Fulltext Availability:

Claims

Claim

... N 0

S

Fig. 10

/68

VIEWER 740

744

Libra[y Connection controls

LCD

Electronic DISPLAY 602

Card Memory

748

Instruction Book

CD ROM Memory Memory

Unit 732D 728  
752  
Microprocessor...

...File For The Open File For Available  
Number In Book Specific Book Just FBooks And Display Data  
Requested By The  
Viewer  
Close All Files And S808  
Shut Down Power 816  
S820...

...Of  
Text From  
Storage  
S832  
Decrypt And Decompress  
The Data And Send To The  
Video Display Memory  
Figs 12  
/68 858  
851 SUB-MENUS  
Account Instructions  
Set-Up 30 And Account...

...Suggestion  
Entries Submenu #1 Submenu #2  
a55 856 857  
INTRODUCTORY Books In  
MENU Your Library Shelf #1 Shelf #2  
850  
872 874 876  
Books You Shelf #1 Shelf #2  
MAIN Can Order  
878 880 882  
MENU  
854 Your Current  
Sub-Menu Title  
Book...

...30 895  
Account Orders and  
Information Balance  
896 897  
Outgoing Input Screen  
Messages  
898 899  
Show Links Link Menu  
970 971  
Create Link  
Links 980 Options 981  
Figs 13 Show Interactive  
Interactive )O File  
Files 990 Menu 982  
/68  
Fig. Ma  
r850  
INTRODUCTION  
Please ...F-51  
CURRENT BOOKMARK PAGE TURN  
BOOK

/68  
 Fig\* 14c  
 872  
 BOOKS IN YOUR LIBRARY SHELF  
 1 OF2  
 click an item you would We to sekod  
 THE THE  
 WHITE SHARK HOTZONE...

...by Pope Danielle Steele  
 Jctw@patil 11  
 Rernarviv wxacy capacrty:  
 Go to featwes menu for shelf soming options  
 F<--] F-51  
 CURRENT BOOKMARK PAGETURN  
 BOOK  
 U  
 /68  
 Fig\* I'M  
 4878...

12/3,K/9 (Item 8 from file: 349)  
 DIALOG(R)File 349:PCT FULLTEXT  
 (c) 2005 WIPO/Univentio. All rts. reserv.

00783250 \*\*Image available\*\*

**METHODS AND APPARATUS FOR CATALOG DATA CAPTURE, STORAGE, AND DISTRIBUTION  
 PROCEDE ET APPAREIL PERMETTANT LE STOCKAGE ET LA DISTRIBUTION DE SAISIES DE  
 DONNEES DE CATALOGUE**

Patent Applicant/Assignee:

CNET EUROPE S A, Rio Gredon 14, CH-1806 Saint-Legier, CH, CH (Residence),  
 CH (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

DE HEER Albert Henricus Franciscus, Chemin Chenalettaz 41, CH-1807 Blonay  
 , CH, CH (Residence), CH (Nationality), (Designated only for: US)

DE HEER Rudolf Cornelius Wilhelmus, La Bruviere, CH-1086 Vucherens, CH,  
 CH (Residence), CH (Nationality), (Designated only for: US)

ZABRODINE Constantin Nickolayvich, Avenue Ernst-Bieler 11, CH-1800 Vevey,  
 CH, CH (Residence), RU (Nationality), (Designated only for: US)

KVIATKEVITCH Alexandre Igorevitch, Chemin Baillaz, CH-1806 St. Legier, CH  
 , CH (Residence), RU (Nationality), (Designated only for: US)

BLAETTLER Eric Oscar, Chemin de Boston 13, CH-1004 Lausanne, CH, CH  
 (Residence), CH (Nationality), (Designated only for: US)

Legal Representative:

ZIMMERMANN Tankred (agent), Schoppe, Zimmermann & Stockeler, Postfach 71  
 08 67, 81458 Munchen, DE,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200116796 A2-A3 20010308 (WO 0116796)

Application: WO 2000IB1329 20000830 (PCT/WO IB0001329)

Priority Application: US 99152510 19990902; US 2000625913 20000726; US  
 2000626090 20000726; US 2000626347 20000726; US 2000625745 20000726

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
 prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
 ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
 LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
 TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 19663

International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... the categories desktop 504, laptop 506, handheld 508, CPU Upgrade 510, mainboard 512, **cabinet** 514, UPS & Power 516, battery 518, docking & connectivity 520, portable accessory 522, and service & support...

...in the art will readily recognize that these categories are merely exemplary, and a different **number** or **type** of **categories** may be used to further define each class.

Each category of the data model may...

12/3,K/10 (Item 9 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2005 WIPO/Univentio. All rts. reserv.

00762436 \*\*Image available\*\*

**ELECTRONIC BOOK SELECTION AND DELIVERY SYSTEM WITH TARGETED ADVERTISING  
SYSTEME DE SELECTION ET DE LIVRAISON DE LIVRE CONTENANT DE LA PUBLICITE  
CIBLEE**

Patent Applicant/Assignee:

DISCOVERY COMMUNICATIONS INC, 7700 Wisconsin Avenue, Bethesda, MD

20814-3522, US, US (Residence), US (Nationality)

Inventor(s):

HENDRICKS John S, 8273 Persimmon Tree Road, Potomac, MD 20854, US,

ASMUSSEN Michael L, 26276 Meadow Hall Drive, Oak Hill, VA 20171, US,

Legal Representative:

HARROP John K (et al) (agent), Dorsey &amp; Whitney LLP, 1001 Pennsylvania

Avenue, N.W., Suite 300 South, Washington, DC 20004, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200075845 A2 20001214 (WO 0075845)

Application: WO 2000US15810 20000609 (PCT/WO US0015810)

Priority Application: US 99328672 19990609

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB

GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA

MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA

UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 38156

Main International Patent Class: G06F-017/60

Fulltext Availability:

Claims

## Claim

... 269

oa

VIEWER 740

744 Keyboard

Libra[y Connection F'C3`ntrols

LCD 265

Electronic DISPLAY

Card Memory 602

748

Instru tion Book

CD ROM Memory Memory

Unit .00w M 728...

...Available

Number In Electronic Book Specific Electronic Book Just Electronic Books

And

840 Requested By Display Data

The Viewer

Close All Files And 808

Shut Down Power a44 1

820

e...

...Of

Text From

Storage

824

Decrypt And Decompress

The Data And Send To The

Video Display Memory

(Log Viewing Of Event

Of Any Ad)

Fig\* 12

/43

858

851

SUB-MENUS...

...Free Preview #1 Preview #2

Previews

866 868 870

INTRODUCTORY Books In

MENU Your Library Shelf #1 30 Shelf #2

874 876

Books You Shelf #1 Shelf #2

MAIN Can Order 30

MENU M M 882

854 Your Current

Book Sub-Menu...

...by Pope Danielle Steele

John-Patil If

RemainirV library capacAr.

Go to feakires menu for shelf sortM optoons

F&lt;----l F@51

CURRENT BOOKIVIMK PAGETURN

BOOK

/43

Fig\*

14d

@@878  
OKS...

12/3,K/11 (Item 10 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2005 WIPO/Univentio. All rts. reserv.

00762428 \*\*Image available\*\*  
BUILDING CONSTRUCTION BID AND CONTRACT MANAGEMENT SYSTEM, INTERNET-BASED  
METHOD AND COMPUTER PROGRAM THEREFOR  
SYSTEME D'APPEL D'OFFRES ET DE GESTION DE CONTRATS DANS LE DOMAINE DE LA  
CONSTRUCTION, PROCEDE BASE SUR INTERNET ET PROGRAMME INFORMATIQUE  
ASSOCIE

## Patent Applicant/Inventor:

CROOKSHANKS Rex J, 1901 Paseo del Sol, Palos Verdes Estates, CA 90274, US  
, US (Residence), US (Nationality)

## Legal Representative:

DULIN Jacques M (agent), Innovation Law Group, Ltd., Suite 101, 851  
Fremont Avenue, Los Altos, CA 94024-5602, US,

## Patent and Priority Information (Country, Number, Date):

Patent: WO 200075837 A2 20001214 (WO 0075837)

Application: WO 2000US15481 20000605 (PCT/WO US0015481)

Priority Application: US 99137576 19990604; US 99163702 19991105; US  
2000174989 20000107; US 2000197907 20000413

## Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AU BG BR BY CA CN CZ CZ (utility model) EE EE (utility model) GE HR HU ID

IL IN JP KG KP KR KR (utility model) KZ LT LV MD MK MX NO NZ PL RO RU SG

SI SK SK (utility model) TJ TM TR UA US UZ VN YU ZA

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Filing Language: English

Fulltext Word Count: 22042

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

## Detailed Description

... Landscape / site lighting & elec.

015 PLUMBING

42

EXHIBIT A - LIST OF SUBCONTRACTS

Reference Subcontract Category Subcategory

Number Number

80 015-01 Temp water supply

81 015-02 All rough supply lines

82 015...

...street

94 015-05 Connect supply to city service

85 015-06 Steam system in shower

86 015-07 Set tubs (with frames?)

87 015-08 Run gas lines

88 015...

...metal

116 020-11 Rain gutters



117 020-12 Caulking and sealing  
 118 020-13 **Cabinets**  
 119 020-14 Spiral staircase  
 021 INTERIOR FINISH CARPENTRY  
 120 021-01 Baseboards  
 121 021-02 Door and window casings  
 43.

## EXHIBIT A - LIST OF SUBCONTRACTS

Reference Subcontract **Category** / Subcategory**Number Number**

122 021-03 Crown moldings  
 123 021-04 Chair rails  
 124 021-05 Architectural details...  
 ...130 021-11 Weather stripping  
 131 021-12 Screens and screen doors  
 132 021-13 **Shelves** in garage  
 022 **CABINETS**  
 133 022-01 Kitchen **cabinets** (custom? Lazy Susans etc.)  
 134 022-02 Bathroom **cabinets** / linen  
 135 022-03 Laundry room **cabinets**  
 136 022-04 Custom built-ins  
 137 022-05 Storage in garage  
 023 FLOORING  
 138...

## ...GRANITE STONE

142 024-01 Tile countertops  
 143 024-02 Granite countertops  
 144 024-03 **Showers** & tubs  
 145 024-04 Decks  
 146 024-05 Exterior tile/stone  
 025 GLAZING  
 147 025-01 Bathroom mirrors  
 148 025-02 Wardrobe door/mirrors  
 149 025-03 Tub and **shower** enclosures  
 026 DECKS  
 150 02&-O 1 Deck finishes  
 027 ARCHITECTURAL DETAILS  
 151 027-01...

## ...159 031-01 Concrete flatwork &amp; stairs

44

## EXHIBIT A - LIST OF SUBCONTRACTS

Refer nce Subcontract **Category** / Subcategory**Number Number**

160 031-02 Driveway  
 161 031-03 Finish grading  
 162 031-04 Masonry hardscapes  
 032...other items required to complete such portion of the Work, except  
 to the extent specifically **indicated** in the Subcontract Documents to be  
 the responsibility of others.

## 8.2 Scope Of The...

12/3,K/12 (Item 11 from file: 349)  
 DIALOG(R)File 349:PCT FULLTEXT  
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00748804 \*\*Image available\*\*

**ELECTRONIC BOOK ALTERNATIVE DELIVERY METHODS****PROCEDES DE DISTRIBUTION DE REMPLACEMENT POUR LIVRES ELECTRONIQUES**

Patent Applicant/Assignee:

DISCOVERY COMMUNICATIONS INC, 7700 Wisconsin Avenue, Bethesda, MD  
20814-3522, US, US (Residence), US (Nationality)

Inventor(s):

HENDRICKS John S, 8723 Persimmon Tree Road, Potomac, MD 20854, US

ASMUSSEN Michael L, 2627 Meadow Hall Drive, Herndon, VA 20171, US

MCCOSKEY John S, 4692 N. Lariat Drive, Castle Rock, CO 80104, US

Legal Representative:

HARROP John K, Dorsey & Whitney LLP, Suite 300 South, 1001 Pennsylvania  
Avenue, N.W., Washington, DC 20004, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200062229 A2 20001019 (WO 0062229)

Application: WO 2000US9542 20000411 (PCT/WO US0009542)

Priority Application: US 99289956 19990413

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB  
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA  
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA  
UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 33395

Main International Patent Class: G06F-017/60

Fulltext Availability:

Claims

Claim

... N 0

Fig. 10

/53

VIEWER 740

744

Libra[y Connection Controls 00f

LCD

Electronic DISPLAY 602

Card Memory

748

Instruction Book

CD ROM Memory Memory

Unit o0w 732 728

752...

...Page Open The File For The Open File For Available

Number In Book Books And Display Data

Specific Book Just

Requested By The

Viewer

Close All Files And S808

Shut Down...

...Of

Text From

Storage  
S832  
Decrypt And Decompress  
The Data And Send To The  
Video Display Memory  
Fig. 12  
/53 858  
SUB-MENUS  
851  
Account Instructions  
Set-Up > And Account  
862...

...Suggestion Suggestion  
Entries Submenu #1 Submenu #2  
855 857  
INTRODUCTORY Books In  
MENU Your Library Shelf #1  
850 872 874  
Books You Shelf #1 Shelf #2  
MAIN Can Order  
MENU 878 880 0 882  
854 Your Current Sub-Menu Title...

...893 894  
Account Orders and  
Information Balance  
B27  
Outgoing Input Screen  
Messages  
898 a9  
9  
Show Links Link Menu  
9io- 971  
Create Link  
Links 980 Options  
Fig 13 981  
Show Interactive  
Interactive )O File  
Files Menu 982  
/53  
Fig. Ma  
r 850  
INTRODUCTION  
Please Choose...

...1 FE  
CURRENT BOOKMARK PAGE TURN  
/53  
0  
Fig. 14c  
872  
BOOKS IN YOUR LIBRARY SHELF  
1 OF2  
chck on tern you would We to select  
THE THE  
WHITE SHARK HOTZONE...

12/3,K/13 (Item 12 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT

(c) 2005 WIPO/Univentio. All rts. reserv.

00748803      \*\*Image available\*\*

**ELECTRONIC BOOK ALTERNATIVE DELIVERY SYSTEMS**

**PROCEDES DE DISTRIBUTION DE REMPLACEMENT POUR LIVRES ELECTRONIQUES**

**Patent Applicant/Assignee:**

DISCOVERY COMMUNICATIONS INC, 7700 Wisconsin Avenue, Bethesda, MD  
20814-3522, US, US (Residence), US (Nationality)

**Inventor(s):**

HENDRICKS John S, 8723 Persimmon Tree Road, Potomac, MD 20854, US  
ASMUSSEN Michael L, 2627 Meadow Hall Drive, Herndon, VA 20171, US  
MCCOSKEY John S, 4692 N. Lariat Drive, Castle Rock, CO 80104, US

**Legal Representative:**

HARROP John K, Dorsey & Whitney LLP, Suite 300 South, 1001 Pennsylvania  
Avenue, N.W., Washington, DC 20004, US

**Patent and Priority Information (Country, Number, Date):**

Patent: WO 200062228 A2 20001019 (WO 0062228)  
Application: WO 2000US9541 20000411 (PCT/WO US0009541)  
Priority Application: US 99289957 19990413

**Designated States:**

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB  
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA  
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA  
UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 36583

Main International Patent Class: G06F-017/60

Fulltext Availability:

Claims

**Claim**

... 0

Fig. 10

/53

VIEWER 740

744

Libra[y Connection I Controls of

LCD

Electronic DISPLAY 602

Card Memory 748

Instruction Book

CD ROM Memory Memory

Unit /Ir 732 728

752...

...File For The Open File For Available

0 s

Number In Book F@Bok And Display Data

Specific Book Just

Requested By The

Viewer

Close All Files And S808

Shut Down...

...Of  
 Text From  
 Storage  
 S832  
 Decrypt And Decompress  
 The Data And Send To The  
 Video Display Memory  
 vig. 12  
 PCT/tJSOO/09541  
 15/53  
 858  
 851 Su  
 nt  
 set-up nstructions...

...TORY Submenu #1 Su  
 MENU ooks: In @71  
 Your Library elf #1 elf  
 MAIN CZdoeur Shelf #i  
 MENU 2,78  
 ur Current  
 0(  
 0  
 8 )k ub-Menu  
 ELP  
 7 S...

...51  
 CURRENT BOOKMARK PAGE TURN  
 BOOK  
 /53  
 0  
 Fig. 14c  
 872  
 BOOKS IN YOUR LIBRARY SHELF  
 1 OF2  
 click an own you vould Mm to select  
 THE THE  
 WHITE SHARK HOTZONE...

12/3,K/14 (Item 13 from file: 349)  
 DIALOG(R)File 349:PCT FULLTEXT  
 (c) 2005 WIPO/Univentio. All rts. reserv.

00748798 \*\*Image available\*\*  
 COLLABORATIVE CREATION, EDITING, REVIEWING, AND SIGNING OF ELECTRONIC  
 DOCUMENTS  
 CREATION, EDITION, VERIFICATION ET SIGNATURE COLLECTIVES DE DOCUMENTS  
 ELECTRONIQUES

Patent Applicant/Assignee:

ILUMIN CORPORATION, Suite 3000, Building D, 1506 N. Technology Way, Orem,  
 UT 84097, US, US (Residence), US (Nationality)

Inventor(s):

BROWN Bruce E, 1684 North Sage Hen Road, Orem, UT 84097, US  
 ISRAELSEN D Brent, 1426 North Grand View, Provo, UT 84604, US

Legal Representative:

RAUBVOGEL Amir H, Fenwick & West LLP, Two Palo Alto Square, Palo Alto, CA  
 94306, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200062220 A1 20001019 (WO 0062220)

Application: WO 2000US10066 20000413 (PCT/WO US0010066)  
Priority Application: US 99129283 19990413; US 99129011 19990413; US  
99335443 19990617; US 2000546805 20000411

## Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN  
MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA  
ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 27799

Main International Patent Class: G06F-017/60

Fulltext Availability:

Claims

## Claim

... document.

[@@1203

1200

FIGs 12

SUBSTITUTE SHEET (RULE26)

/37

tart

Assign document a Digital Object Identifier

1302

Verify digital signature

1303

Check for certificate revocation list

1304

Check completeness and accuracy...

...as applicable

1307

Human review. if applicable

1308

Obtain new ID number for applicant

1309

Indicate acceptance of document

1310

Store document in E- Cabinet

1311

Display document as appropriate, with privacy protection

1312

1 FIGn 13

SUBSTITUTE SHEET (RULE26)

Client Originates...with Rejection

1912

Return Notice es Archive Digital

of Recording Record Deed Deed in E- Cabinet

1914 1913 1915

Update database Send Deed

1916 to Assessor

1917

Print De Print Dee...

...WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category 0 Citation of document, with **indication** , where appropriate, of the relevant passages Relevant to claim No.

X WO 98 34167 A...

...00/10066

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category 0 Citation of document, with **indication** , where appropriate, of the relevant passages Relevant to claim No.

X EP 0 387 462...

12/3,K/15 (Item 14 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00743968 \*\*Image available\*\*

**POSTHUMOUS COMMUNICATION**

**COMMUNICATION POSTHUME**

Patent Applicant/Assignee:

FINAL THOUGHTS COM INC, 8265 Sunset Boulevard, Suite 107, West Hollywood,  
CA 90046, US, US (Residence), US (Nationality), (For all designated  
states except: US)

Patent Applicant/Inventor:

KRIM Todd M, 2028 N. Beachwood Drive #203, Hollywood, CA 90068, US, US  
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

BOUNDY David, Shearman Sterling, 599 Lexington Avenue, New York, NY 10022  
, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200057338 A1 20000928 (WO 0057338)

Application: WO 2000US8295 20000324 (PCT/WO US0008295)

Priority Application: US 99126082 19990325; US 99131396 19990428; US  
99138128 19990608

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

CA JP US

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Filing Language: English

Fulltext Word Count: 6008

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Claims

Claim

... FT Pet Lover's Organizer

Location of Pet's Name and

Veterinary Info Documents Telephone **Number**

Your Pets **Type** of (Name, Phone #, Other Medical (insurance policy, of  
Person You Want

Name Pet Information to...

...to Mr.

Whiskers Cat (234) 234-2345 Neutered Whiskers are in my My Mom  
file **cabinet** in the

'Pets'folder.  
Golden Dr. Dolittle Has been All of Rusty's  
Ru& Retriever...

...death, funeral, grief, insurance  
C. DOCUMENTS CONSIDERED TO BE RELEVANT  
Category\* Citation of document, with **indication** , where appropriate, of  
the relevant passages Relevant to claim No. X US 51651 @ 1 17...

12/3,K/16 (Item 15 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2005 WIPO/Univentio. All rts. reserv.

00365230 \*\*Image available\*\*  
**ELECTRONIC PRODUCT INFORMATION DISPLAY SYSTEM**  
**SYSTEME D'AFFICHAGE ELECTRONIQUE D'INFORMATIONS RELATIVES A DES PRODUITS**  
Patent Applicant/Assignee:  
INTELLEDGE CORPORATION,  
FALLS S Douglas,  
DALE Ernest J,  
MATHESON Rod III,  
McPHILLIPS A Scott,  
Inventor(s):  
FALLS S Douglas,  
DALE Ernest J,  
MATHESON Rod III,  
McPHILLIPS A Scott,  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 9705556 A1 19970213  
Application: WO 96US12575 19960731 (PCT/WO US9612575)  
Priority Application: US 951673 19950731  
Designated States:  
(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)  
AU CA CN JP KR MX US AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
Publication Language: English  
Fulltext Word Count: 24199

Main International Patent Class: G06F-017/60  
Fulltext Availability:  
Detailed Description

#### Detailed Description

... the barcode  
number. When the process receives the barcode a  
request accepted message will be **displayed** on the HHT  
54. If the barcode is not available or unreadable the  
user must...

...will then be  
prompted to enter in the following fields: AISLE,

AISLE SIDE, BAY, and **SHELF** . After the information is  
received a request accepted message will be **displayed**  
on the handheld 54. A record will be created and  
added to the Label File...

12/3,K/17 (Item 16 from file: 349)



DIALOG(R)File 349:PCT FULLTEXT  
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00297382      **\*\*Image available\*\***

**COMPUTER SYSTEM FOR ALLOWING A CONSUMER TO PURCHASE PACKAGED GOODS AT HOME**  
**SYSTEME INFORMATISE PERMETTANT A UN CONSOMMATEUR D'ACHETER DEPUIS SON**  
**DOMICILE DES MARCHANDISES EMBALLEES**

Patent Applicant/Assignee:

BURKE Raymond R,

Inventor(s):

BURKE Raymond R,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9515533 A1 19950608

Application: WO 94US13820 19941130 (PCT/WO US9413820)

Priority Application: US 93159335 19931130

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU JP KE KG KP KR  
KZ LK LR LT LU LV MD MG MN MW NL NO NZ PL PT RO RU SD SE SI SK TJ TT UA  
US UZ VN YU YZ AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE BF  
BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 7763

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... typical displayed product category is shown  
in Figs. 7, 15 and 16. The displayed product category  
includes a number of items of each product 200, a price 202  
for each product, a backboard 204, a base 206 and shelves  
208. The displayed product category appears to be very  
similar to what a consumer would actually view in a real  
store, such as shown in Fig. 14.

The system may also be arranged to display certain  
screens rather than...

12/3,K/18      (Item 1 from file: 324)

DIALOG(R)File 324:German Patents Fulltext  
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0003352246      **\*\*Image available\*\***

**Rechnergestutzt arbeitendes Ausleihsystem**

Patent Applicant/Assignee:

ALBERS REINHARD, DE

Patent and Priority Information (Country, Number, Date):

Patent: DE 29711913 U1 19970911

Application: DE 29711913 19970707

Priority Application: DE 29711913 U 19970707 (DE 29711913)

Publication Language: German

Fulltext Word Count (English): 12116

Fulltext Word Count (German) : 9736

Fulltext Word Count (Both) : 21852

...International Patent Class: G06F-017/60

Fulltext Availability:

## Claims (English machine translation)

## Claims (English machine translation)

- ... the first collection device for the automated collection of the information content of the article- **identification** means for an automated transmission to the intended system computer is on the one hand ...
- ...respective place seize can. On the other hand by this first collection device for article- **identification** means is reached above all in addition, that the supply places of a lending system...
- ...the system computer it becomes like already during the collection of the article-of the **identification** means, reaches that also the collection of the person, who wants a made available article...
- ...collection device, automatically on the first collection device accesses belonging to this place and article- **identification** data from the **identification** means for allocation to the Persoen, in it- **identification** data, e.g. for a lending time registration, e.g. for a lending cost calculation...
- ...need fluctuations, which can be reproached, e.g. by appropriate analysis programs, e.g. statistic kind, and thus if necessary the number of devices which can be held ready be adapted, thus, e.g. from a reserve...
- ...renewed lending it, by the persons for, must having these persons access to respective article- **identification** means like also entrance to that in each case first collection devices at the supply places...
- ...then the intended system computer can seize and on call e.g. at the communication terminal **indicate** the renewed supply immediately to the check-out counter. Preferably for such articles not special...
- ...with these, if at all to waiting articles preferably inseparably to it it fastens the **identification** means e.g. by means of a chain, whereby the respective **identification** means should be to the protection against damages preferably in a safety device, e.g. ...
- ...to its small size, should to be made more difficult or made impossible, then the **identification** means could be accommodated separate, however also from the respective article together with it preferably...
- ...a sleeve for this article, whereby it would be likewise protected from damages then. The **identification** means would have to be carried forward by these reversals when fetching such articles from...
- ...out counter waited article which can be waited free. If necessary when inadvertent leaving this **identification** means in the first collection device, separated from the associated article, after the withdrawal of...
- ...taking along. In contrast for this those of article are preferably not firmly connected to **identification** means of the articles, which must be first waited before each supply to the check...
- ...removable at them R. Albers/Ausleihsystem/Gbm; attached. Thus these means for the collection of **identification** data stored in them can be decreased with making available to check-out counters by...
- ...least in this until the associated article is lent. Then its lending availability can be **indicated** up to the lending time at any time on

Set	Items	Description
S1	2754897	NUMBER OR NUMERIC OR AMOUNT OR QUANTITY
S2	2365038	VARIET? OR TYPE? OR KIND? ? OR SORT OR SORTS OR CATEGOR?
S3	4891325	DISPLAY? OR SHOW? OR IDENTIF? OR INDICAT?
S4	131334	CABINET? OR SHELF OR SHELVES OR DRAWER? OR DISPENSAR?
S5	210814	S1(S)S2
S6	30215	S5(S)S3
S7	202	S6(S)S4
S8	14	S7 AND IC=G06F-017/60
S9	52181	S5 AND S3
S10	473	S9 AND S4
S11	21	S10 AND IC=G06F-017/60
S12	8	S11 NOT PY>2001

? show files

File 344:Chinese Patents Abs Aug 1985-2005/May

(c) 2005 European Patent Office

File 347:JAPIO Nov 1976-2005/Jan(Updated 050506)

(c) 2005 JPO & JAPIO

File 350:Derwent WPIX 1963-2005/UD,UM &UP=200532

(c) 2005 Thomson Derwent

File 371:French Patents 1961-2002/BOPI 200209

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12/5/1 (Item 1 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2005 JPO & JAPIO. All rts. reserv.

07019579 \*\*Image available\*\*

ARTICLE INFORMATION PROCESSOR AND ARTICLE INFORMATION PROCESSING METHOD

PUB. NO.: 2001-247210 [JP 2001247210 A]  
PUBLISHED: September 11, 2001 (20010911)  
INVENTOR(s): SHIMIZU RYOICHI  
SAWADA TAKU  
APPLICANT(s): SONY CORP  
APPL. NO.: 2000-061074 [JP 200061074]  
FILED: March 06, 2000 (20000306)  
INTL CLASS: B65G-001/137; G06F-003/00; G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To provide an article information processor to facilitate rearrangement of articles and to easily correspond to renewal of an arranging position and an article information processing method.

SOLUTION: It is possible to read and confirm an original arranging position only at the working site side and to facilitate restoring rearrangement of an article Mati to its original arranging position by reading arrangement information ( **shelf** **number** **irk**, **category** **icatg**, floor location **ifl**, **display** **order** **iod**) from an article side information tag TFMi attached to the article Mati by an article information processor IP1 at the time of rearrangement after moving the article Mati **displayed** on a **shelf** RKi from its arranging position and speedily and certainly give the read out arrangement information in **display** , printing or voice by a built-in information means.

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12/5/2 (Item 2 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2005 JPO & JAPIO. All rts. reserv.

06154683 \*\*Image available\*\*

WORK SUPPORTING SYSTEM, WORK CARRYING DEVICE AND RECORDING MEDIUM STORING OPERATION PROGRAM OF COMMUNICATION EQUIPMENT

PUB. NO.: 11-096226 [JP 11096226 A]  
PUBLISHED: April 09, 1999 (19990409)  
INVENTOR(s): MATSUURA YASUSHI  
MORIO HIROMOTO  
NAITO YUTAKA  
NAKAMURA TETSUYA  
APPLICANT(s): MAZDA MOTOR CORP  
APPL. NO.: 09-252406 [JP 97252406]  
FILED: September 17, 1997 (19970917)  
INTL CLASS: G06F-017/60 ; B23P-021/00; B23Q-041/02; B65G-001/137

ABSTRACT

PROBLEM TO BE SOLVED: To provide a work supporting system, a work carrying device and a recording medium for storing the operation program of a

communication equipment, by which the information communicating **quantity** of a communication line is made to be min. with the superior workability of a worker.

SOLUTION: Request information of parts to be loaded on a pallet truck 5 by the worker is down-loaded from a computer which is not **shown** in a figure to a handy terminal equipment 24 and set to an optical communication coupler 25. Then, the **number** of one- **kind** parts to be taken-out from a parts **shelf** 11 by the worker and its **quantity** are **displayed** in a **display** equipment 27 and also a position to be contain the taken-out parts is **displayed** in a parts containing part 4 by a lamp 9. When the worker ends work concerning the applicable parts, he operates a depression button switch 26. The handy terminal equipment 24 measures the required time of work by the operation interval of the switch.

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12/5/3 (Item 3 from file: 347)  
DIALOG(R)File 347:JAPIO  
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05163702 \*\*Image available\*\*  
MEDICINE PACKAGING APPARATUS

PUB. NO.: 08-119202 [JP 8119202 A]  
PUBLISHED: May 14, 1996 (19960514)  
INVENTOR(s): YUYAMA SHOJI  
MURAKAMI TAKAAKI  
KANO KUNIIHIKO  
APPLICANT(s): YUYAMA SEISAKUSHO KK [000000] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 06-256542 [JP 94256542]  
FILED: October 21, 1994 (19941021)  
INTL CLASS: [6] B65B-001/30; B65B-001/06; **G06F-017/60**  
JAPIO CLASS: 31.1 (PACKAGING -- General); 45.4 (INFORMATION PROCESSING -- Computer Applications)  
JAPIO KEYWORD: R012 (OPTICAL FIBERS); R107 (INFORMATION PROCESSING -- OCR & OMR Optical Readers)

#### ABSTRACT

PURPOSE: To downsize a medicine packaging apparatus for easy inspection, storage, attachment or the like of a medicine container wherein only a necessary medicine container can be taken out of a **shelf** and attached to a medicine supplying means.

CONSTITUTION: A medicine storage **shelf** 1 for storing numerous medicine containers 11 containing medicine and a relatively small **number** of medicine supplying means 34 for supplying only a prescribed **amount** of medicine with the container 11 attached are provided. Storage sites of various **kinds** of medicine on the storage **shelf** 1 and attaching sites on the means 34 are stored respectively in a storage site memory means 63 and an attaching site memory means 64. If the medicine container 11 corresponding to a prescription is not at the attaching site, its storage site is examined on the storage **shelf** 1 and **displayed**. At a time point when the container 1 taken out from the **shelf** 1 is attached to the supplying means 34, an **identifying** means 16 provided on the container 11 is read by a reading means, and its attaching site is stored in the

attaching site memory means 64.

12/5/4 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014271490 \*\*Image available\*\*

WPI Acc No: 2002-092192/200213

XRPX Acc No: N02-067935

Information network system such as LAN for organizations such as hospital, has disc type recording unit coupled to local server installed at each group so that information is recorded on disc from server or terminal

Patent Assignee: ITOKI CREBIO CORP (ITOK-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001125811	A	20010511	JP 99304914	A	19991027	200213 B

Priority Applications (No Type Date): JP 99304914 A 19991027

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2001125811	A		11	G06F-012/00	

Abstract (Basic): JP 2001125811 A

NOVELTY - Several terminal equipment (PC) group are connected through a LAN. A server (LS) is connected to each group on the LAN. A disc drive unit (11) moves a disc stored in a shelf and a disc type recording unit connected to each local server so that an information from a server or from a terminal equipment is recorded on the disc.

USE - For e.g. LAN for organizations such as enterprise, government office, hospital, university.

ADVANTAGE - Reduces cost by storing large quantity of data to disc type recording unit.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of information network system. (Drawing includes non-English language text).

Disc drive unit (11)

Server(PC) Terminal equipment (LS)

pp; 11 DwgNo 1/16

Title Terms: INFORMATION; NETWORK; SYSTEM; LAN; HOSPITAL; DISC; TYPE; RECORD; UNIT; COUPLE; LOCAL; SERVE; INSTALLATION; GROUP; SO; INFORMATION; RECORD; DISC; SERVE; TERMINAL

Derwent Class: T01

International Patent Class (Main): G06F-012/00

International Patent Class (Additional): G06F-003/06; G06F-017/60 ;

G06F-019/00; H04L-012/28

File Segment: EPI

12/5/5 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014239222 \*\*Image available\*\*

WPI Acc No: 2002-059920/200208

XRPX Acc No: N02-044529

**Stock amount determining apparatus for goods exhibition shelf of retail store, determines optimum number of goods providing maximum profit during specific period**

Patent Assignee: KAO CORP (KAOS ); PRICE WATERHOUSE CONSULTANT KK (PRIC-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001312542	A	20011109	JP 2000132214	A	20000501	200208 B

Priority Applications (No Type Date): JP 2000132214 A 20000501

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2001312542	A		12	G06F-017/60	

Abstract (Basic): JP 2001312542 A

NOVELTY - An optimum **number** of goods on exhibition **shelf** , that yields maximum profit during specific period is determined. When the goods stored in **shelf** is lesser than determined optimum **number** , another **variety** of goods are provided in the vacant space depending on profits per space.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for stock amount determining method.

USE - For determining stock amount in goods exhibition **shelf** of retail stores, vending machines.

ADVANTAGE - The space efficiency and the inventory efficiency of exhibition **shelf** of a retail store, are improved by determining the optimum number of goods.

DESCRIPTION OF DRAWING(S) - The figure **shows** the block diagram of inventory control system with stock amount determining apparatus.

(Drawing includes non-English language text).

pp; 12 DwgNo 1/6

Title Terms: STOCK; AMOUNT; DETERMINE; APPARATUS; GOODS; EXHIBIT; **SHELF** ;  
RETAIL; STORAGE; DETERMINE; OPTIMUM; NUMBER; GOODS; MAXIMUM; PROFIT;  
SPECIFIC; PERIOD

Derwent Class: T01

International Patent Class (Main): **G06F-017/60**

File Segment: EPI

**12/5/6 (Item 3 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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013970987 \*\*Image available\*\*

WPI Acc No: 2001-455200/200149

XRPX Acc No: N01-337270

**Component conveyance frequency evaluation device for system assembly, determines preparatory, transfer and process work time after component transfer until all components of last shelf are transferred to work site**

Patent Assignee: SEKISUI CHEM IND CO LTD (SEKI )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001159911	A	20010612	JP 200065224	A	20000309	200149 B

Priority Applications (No Type Date): JP 99271027 A 19990924

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
JP 2001159911 A 43 G05B-019/418

Abstract (Basic): JP 2001159911 A

NOVELTY - The preparatory work time for component transfer, is computed based on maximum weight of component and position data of **shelf**. Transfer work time is computed based on size and weight of component. Process work time after transfer, is computed based on component remaining on **shelf** after transfer. All the computed work times, are added and stored in memory. The processes are repeated until components of last **shelf** are transferred.

DETAILED DESCRIPTION - Supply work content and **number** of processes are determined based on computed **number** of processes data. **Number** of transfer process determined based on data extracted from master data memory and position data of **shelf** is added to preset **number** of process stored in memory. Another **number** of transfer process for group of goods computed based on **number** data and data extracted from master data memory section is added to the memory. The transfer process still to be completed, is computed based on data of **variety** after transfer process. The transfer process computed at present is added to preset **number** of transfer processes stored in memory. The processes are repeated until the components of last **shelf** are transferred. An INDEPENDENT CLAIM is also included for component conveyance frequency evaluation procedure.

USE - For evaluating number of conveyance process needed for transfer of large size components for system assembly from **shelf** to factory.

ADVANTAGE - The number of conveyance processes are computed correctly, so required man schedule can be determined.

DESCRIPTION OF DRAWING(S) - The figure **shows** the block diagram of component conveyance frequency evaluation device. (Drawing includes non-English language text).

pp; 43 DwgNo 1/32

Title Terms: COMPONENT; CONVEY; FREQUENCY; EVALUATE; DEVICE; SYSTEM; ASSEMBLE; DETERMINE; PREPARATION; TRANSFER; PROCESS; WORK; TIME; AFTER; COMPONENT; TRANSFER; COMPONENT; LAST; **SHELF**; TRANSFER; WORK; SITE

Derwent Class: Q35; T01; T06

International Patent Class (Main): G05B-019/418

International Patent Class (Additional): B65G-001/137; G05B-015/02;

G06F-017/50; **G06F-017/60**

File Segment: EPI; EngPI

12/5/7 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012832650 \*\*Image available\*\*

WPI Acc No: 2000-004482/200001

XRPX Acc No: N00-003928

**Automatic stamp selling apparatus for issuing stamp for e.g. documents mail, separate-delivery mail, international mail - enables visual confirmation of input stamp selling information via indicators corresponding to stamp boxes of stamp adjustment shelf**

Patent Assignee: TOKYO ELECTRIC CO LTD (TODK )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
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JP 11283102     A     19991015     JP 9883139     A     19980330     200001     B

Priority Applications (No Type Date): JP 9883139 A 19980330

Patent Details:

Patent No   Kind   Lan   Pg   Main   IPC   Filing   Notes

JP 11283102     A             14   G07F-011/00 .

Abstract (Basic): JP 11283102 A

NOVELTY - An information manager (50) controls stamp selling information from input unit (40). Visual confirmation of a stamp selling information is enabled via the **indicators** (13A-13N) corresponding to the stamp boxes (11A-11N) of a stamp adjustment **shelf** (10). A stamp paying-out unit (21) having a conveyor, a stamp cutter, and a stamp cassette is used to pay out stamps of designated number. DETAILED DESCRIPTION - Based on the driving signal containing stamp selling information which is output by designating the stamp paying-out unit, the stamps of designated number are paid out. Based on a **display** signal, the stamp selling information is **displayed** on the **indicators** .

USE - For issuing stamp for e.g. documents mail, separate-delivery mail, international mail.

ADVANTAGE - Desired **variety** and **number** of stamps can be taken out quickly and correctly. DESCRIPTION OF DRAWING(S) - The figure **shows** a block diagram of the automatic stamp selling apparatus. (10) Stamp adjustment **shelf** ; (11A-11N) Stamp boxes; (13A-13N) **Indicators** ; (21) Stamp paying-out unit; (40) Input unit; (50) Information manager.

Dwg.1/18

Title Terms: AUTOMATIC; STAMP; SELL; APPARATUS; ISSUE; STAMP; DOCUMENT; MAIL; SEPARATE; DELIVER; MAIL; INTERNATIONAL; MAIL; ENABLE; VISUAL; CONFIRM; INPUT; STAMP; SELL; INFORMATION; **INDICATE** ; CORRESPOND; STAMP; BOX; STAMP; ADJUST; **SHELF**

Derwent Class: T01; T05

International Patent Class (Main): G07F-011/00

International Patent Class (Additional): **G06F-017/60** ; G07F-011/68

File Segment: EPI

12/5/8            (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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010701174        \*\*Image available\*\*

WPI Acc No: 1996-198129/199620

XPX Acc No: N96-166390

**Multi-storage shelf management system - has sending mechanism for transmitting goods master file of store created with edit mechanism to corresp. store terminal**

Patent Assignee: NEC SOFTWARE CHUBU LTD (NIDE )

Number of Countries: 001   Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 8069495	A	19960312	JP 94204792	A	19940830	199620     B

Priority Applications (No Type Date): JP 94204792 A 19940830

Patent Details:

Patent No   Kind   Lan   Pg   Main   IPC   Filing   Notes

JP 8069495     A             6   G06F-017/60

Abstract (Basic): JP 8069495 A

The system has a host computer (1) and many store terminals (7a-7n) that are connected by a data transmission circuit. The goods master file (2) which has the exhibition pattern consists of the group of the goods number which **indicates** exhibition position with the standard information such as, where it belongs.

A store master **sorts** the goods for every store and the goods **number** will be registered and then tabulated on the store master file (3). An editing unit (4) creates goods master file by each store from the goods master and store master.

ADVANTAGE - Enables work such as ordering in each store and inventory management with efficiency.

Dwg.1/4

Title Terms: MULTI; STORAGE; **SHELF** ; MANAGEMENT; SYSTEM; SEND; MECHANISM; TRANSMIT; GOODS; MASTER; FILE; STORAGE; EDIT; MECHANISM; CORRESPOND; STORAGE; TERMINAL

Derwent Class: T01; T05

International Patent Class (Main): **G06F-017/60**

International Patent Class (Additional): G07G-001/12; G07G-001/14

File Segment: EPI